

Network and Computer Systems Administrators (15-1142)

Occupation description: Install, configure, and support an organization's local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system. Monitor network to ensure network availability to all system users and may perform necessary maintenance to support network availability. May monitor and test Web site performance to ensure Web sites operate correctly and without interruption. May assist in network modeling, analysis, planning, and coordination between network and data communications hardware and software. May supervise computer user support specialists and computer network support specialists. May administer network security measures. Excludes "Information Security Analysts"(15-1122), "Computer User Support Specialists" (15-1151), and "Computer Network Support Specialists" (15-1152).

Employment and Job Openings

	Average employment			Average annual openings		
	2010 estimate	2020 projection	Percent change	Growth	Replacement	Total
Alaska	639	720	12.7	8	11	19
United States	347,200	443,800	27.8	9,670	5,860	15,530

Note: Prior to 2010, network and computer administrators included information security analysts, web developers, computer network architects, and computer network support specialists. These data include totals for all the occupations

Job outlook

Alaska: Alaska's employment growth is moderate with high employment opportunities. [Read more.](#)

2013 Wages ?

	Mean Wage and 95% Confidence Interval			Wage by Percentile		
	Low	Mean	High	10th	Median	90th
United States	n/a	37.46	n/a	21.76	35.58	56.32
Alaska	35.54	36.62	37.70	24.55	35.24	51.74
Anchorage/Mat-Su Area (MSA)	35.01	36.66	38.31	24.26	35.24	51.75
Fairbanks North Star Borough (MSA)	36.27	38.86	41.45	25.04	37.21	57.10
Southeast Region	32.79	34.48	36.17	24.23	33.23	47.64
Balance of State	34.14	35.83	37.52	27.06	34.95	46.90

Note: Prior to 2010, network and computer administrators included information security analysts, web developers, computer network architects, and computer network support specialists. These data include totals for all the occupations

Labor Force Indicators

2012 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
664	53	8.0	41.7	27.1

2012 Potential Supply

Qualified but working in another occupation	183
Currently employed in a lower paid occupation	70

UI claimants previously working in occupation

29

2012 ALEXsys Employment Data

Number of registrants

472

Number of job position postings

53

Ratio of registrants to job position postings

8.9

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: Bachelor's degree

Work experience: None

On-the-job training: None

Training Resources

Degree

[Alaska Computer Business Solutions LLC](#)

CISSP Certified I.S. Security Professional
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Degree

[Alaska Computer Essentials](#)

Microsoft Certified IT Professional

Certificate

Degree

[Charter College, Anchorage](#)

Computer Science: Network Security Concentration
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AAS

Network Security

Certificate

Network Technology

Certificate

Degree

[Embry-Riddle Aeronautical University](#)

Information Assurance

Certificate

Degree

[University of Alaska Anchorage](#)

Computer Science

BA

Computer Science

BS

Degree

[University of Alaska Southeast, Juneau](#)

Computer Information Systems
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BS

Network Support and Administrn
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OEC

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